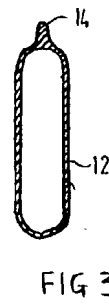
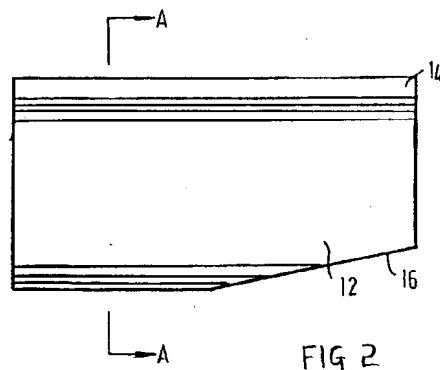
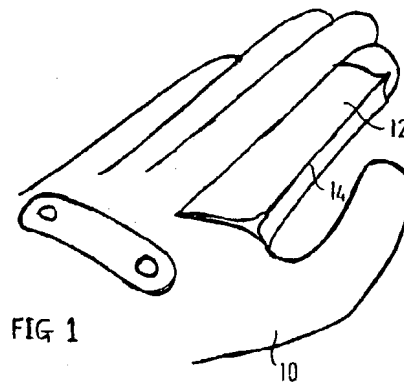


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COMPLETE SPECIFICATION

1 SHEET

*This drawing is a reproduction of  
the Original on a reduced scale*



# PATENT SPECIFICATION

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## (54) A WIPER FOR EYESHIELDS

(71) We, BOB HEATH VISORS LIMITED, a British company of 6—8 Birmingham Road, Walsall, West Midlands, WS1, 2NA, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

10 The present invention relates to a wiper device for use by motor-cyclists and to the combination of such a device with a motor-cyclist's glove.

15 Motor-cyclists nowadays commonly wear protective crash helmets having a built in clear plastics eyeshield. However, they suffer from the problem that rain or spray thrown up from the road by other vehicles clouds the outer face of the eyeshield and makes vision difficult for the wearer of the helmet. There is a lack of simple and satisfactory devices for clearing rain from an eyeshield and in rainy weather we have observed that most motor-cyclists ride with their eyeshield up.

25 Broadly stated the invention provides a hollow flexible sleeve dimensioned to be a friction fit over a finger of a motor-cyclist's glove and which includes a radially projecting axially directed resilient wiper blade.

30 In another aspect, the invention provides in combination a motor-cyclist's glove and a hollow resilient flexible sleeve having an axially directed wiper blade, the sleeve being fitted on a finger of the glove with the blade positioned relatively to the glove, to lie in a convenient wiping position and being retained in said position by frictional engagement between the sleeve and the glove.

35 Preferably the sleeve is made for fitting over an index finger of the glove and is positioned relative to the glove so that the wiper blade is directed generally away from the other fingers and away from the front of the glove.

40 An embodiment of the invention will now be described, by way of example only, with

reference to the accompanying drawings, in which:—

Figure 1 is an oblique diagrammatic view of a left-hand motor-cyclist's glove with a wiper sleeve fitted to the index finger thereof;

Figure 2 is a plan view of the wiper sleeve, and

Figure 3 is a tranverse section of the wiper sleeve taken on the line A—A of Figure 2.

60 In Figure 1, a left-hand motor-cyclist's glove 10 has a sleeve 12 fitted to the index finger 14 thereof. A squeegee blade element 14 is formed integrally on the sleeve 12 and is directed axially thereof. Typically the sleeve is of length about 90 mm, outside diameter about 25 mm, and wall thickness about 1 mm and has a blade about 7 mm deep. It can be a neoprene rubber extrusion. The sleeve 12 is positioned relative to the glove so that the blade 14 projects away from the other fingers and lies approximately in the plane thereof. Opposite the edge 14 towards one end of the sleeve is formed an oblique cut 16. The cut-off end region of the device is intended to be fitted rearwardly so that when the finger is bent to grasp the handlebars of the motor cycle, the rear portion can move away from the glove and offers less resistance to bending of the finger. It has been found that this is the most convenient orientation from the standpoint of the user of the wiper sleeve.

85 It has been found that the above apparatus can clear water from a region of the eyeshield at a single wipe of the glove and without scratching the eyeshield or leaving smears.

### WHAT WE CLAIM IS:—

90 1. A wiper device which is hollow flexible sleeve dimensioned to be a friction fit over a finger of a motor-cyclist's glove and includes a radially projecting axially directed resilient wiper blade.

95 2. A device according to Claim 1, wherein the blade is an integral part of the sleeve.

3. A device according to Claim 2 which is formed from neoprene rubber.
4. A device according to Claim 1 or Claim 2, whose length is about 90 mm, external diameter about 25 mm, wall thickness about 1 mm and wiper blade depth about 7 mm.
5. A motor-cyclist's glove in combination with a wiper device as claimed in any one of Claims 1 to 4, the sleeve being fitted on the finger of a glove with the blade positioned relatively to the glove to lie in a convenient wiping position and being retained in said position by frictional engagement between the sleeve and the glove.
6. A combination according to Claims 5, wherein the wiper device is fitted on the index finger of the glove and is positioned relatively to the glove so that the wiper blade is directed generally away from the other fingers and away from the front of the glove.
7. A wiper device substantially as herein described with reference to and as shown in the accompanying drawings.
8. A motor-cyclist's glove and wiper device substantially as herein described with reference to and as shown in the accompanying drawings.

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